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(54) Title: HYDROCARBON GAS MIXTURE FOR THE UNDER-PRESSURE CARBURIZING OF STEEL

(57) Abstract: The subject of present invention relates to mixture for carburizing of steel products, mainly parts of machines, vehi-
cles and every mechanical apparatus, used in vacuum furnaces. Present invention relates to mixture for under-pressure carburizing
containing the carbon carrier comprising two unsaturated hydrocarbons, likely ethylene and acetylene, in volume ratio from 0.1 to
2.00. The carbon carrier can be further mixed with hydrogen or ammonia.

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